IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In the application of | |
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| Keijo Imeläinen |) Examiner: Dennis R. Cordray |
| Title: Process and Apparatus for Producing Thermal and Electric Energy |))) Art Unit: 1731) |
| Serial No.: 10/522,051 |)) Confirmation No.: 3980) |
| Filed On: January 20, 2005 | ,)) (Our Doc. No. 7633-0001WOUS) |

Hartford, Connecticut, August 23, 2007

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO OFFICE ACTION

The following amendments and remarks are submitted in response to the Office Action dated May 24, 2007.

AMENDMENTS TO THE SPECIFICATION begin on page 2; **AMENDMENTS TO THE CLAIMS** begin on page 4; and **REMARKS** begin on page 9.